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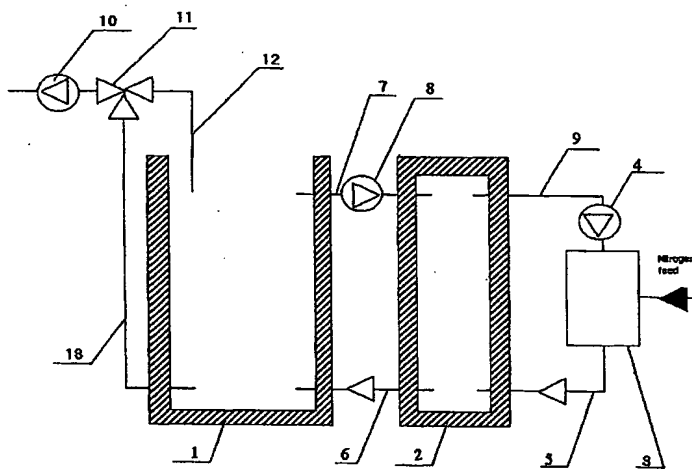
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(54) Title: CRYOTHERAPEUTIC DEVICE



(57) Abstract: The discovery refers to medical equipment, but more specifically is used as a facility for rehabilitation and prophylactic physiotherapeutic procedures. The discovery is aimed at reduction of liquid nitrogen used during procedures and improvement of working conditions for servicing personnel. This aim is reached due to the fact that the cryotherapeutic facility, which includes a subsequently installed cabin for the patient, the heat-isolating reservoir with the ventilator and the system of cryostatistics with gas consumption stimulator is supplemented with a system installed for utilization of produced gas, which consists of pipes with a tap and a three-step valve. Besides, the gas stimulator is linked to the pipe with heat-isolating reservoir, but the ventilator is installed on the pipe, which connects the cabin for the patient with the heat-isolating reservoir. Repeated use of low-temperature gas reduces consumption of liquid nitrogen by 2.5 times. Existence of gas in the facility of utilization system does not allow movement of nitrogen vapor into the room of medical procedures. The system automatically removes all excess gas produced as a result of vaporization of liquid nitrogen.

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